Accenture Test 5

1

In the following choose the word which express the meaning of the same word

INEBRIATE

（ ）A.Dreamy
（ ）B.Stupefied
（ ）C.Unsteady
（ ）D.Drunken

2

STERILE

（ ）A.Barren
（ ）B.Arid
（ ）C.Childless
（ ）D.Dry

3

ABJECT

（ ）A.Challenge
（ ）B.Miserable
（ ）C.Deny
（ ）D.Disobey

4

MOVING

（ ）A.Taking
（ ）B.Toying
（ ）C.Shifting
（ ）D.Turning

5

IRONIC

（ ）A.Inflexible
（ ）B.Bitter
（ ）C.Good-natured
（ ）D.Disguisedly sarcastic

6

In the following choose the word which express the opposite meaning of the same word

INDISCREET

(　) A.Reliable
(　) B.Honest
(　) C.Prudent
(　) D.Stupid

7

FAMILIAR

(　) A.Unpleasant
(　) B.Dangerous
(　) C.Friendly
(　) D.Strange

8

TANGIBLE

(　) A.Ethereal
(　) B.Concrete
(　) C.Actual
(　) D.Solid

9

FRUGAL

(　) A.Copious
(　) B.Extravagant
(　) C.Generous
(　) D.Ostentatious

10

INSIPID

(　) A.Tasty
(　) B.Stupid
(　) C.Discreet
(　) D.Feast

Complete the sentence with suitable word

 The grapes are now ...... enough to be picked.
（ ）A.ready
（ ）B.mature
（ ）C.ripe
（ ）D.advanced

12
Fate smiles ...... those who untiringly grapple with stark realities of life.
（ ）A.with
（ ）B.over
（ ）C.on
（ ）D.round

13
The miser gazed ...... at the pile of gold coins in front of him
（ ）A.avidly
（ ）B.admiringly
（ ）C.thoughtfully
（ ）D.earnestly

14
Catching the earlier train will give us the ...... to do some shopping
（ ）A.chance
（ ）B.luck
（ ）C.possibility
（ ）D.occasion

15
I saw a ...... of cows in the field.
（ ）A.group
（ ）B.herd
（ ）C.swarm
（ ）D.flock

16
Read the passage and answer that follow on the basis of instruction provided in the passage

 Passage

The object underlying the rules of natural justice "is to prevent miscarriage of justice" ans secure
the requirement about recording of reasons for its decision by an administrative authority exercisi
object by excluding changes of arbitrariness and ensuring a degree of fairness in the process of de
expanding horizon of the principle of natural justice which govern exercise of power by administr
are not embodied rules. The extent of their application depends upon the particularly statutory frar
conferred on the administrative authority. with regard to the exercise of particular power by an ad
judicial or quasi-judicial functions the legislature, while conferring the said power, may feel that i
that the reasons for the order passed by the administrative authority be recorded in the order and b
it may dispense with such a requirement.
"The rules of the natural justice are not embodies rules" means that these rules
（ ）A.are left deliberately vague
（ ）B.cannot be satisfactorily interpreted
（ ）C.are flexible
（ ）D.cannot be visualised

17
From the passage it is clear that it is the legislature that
（ ）A.invests the administrative authority with enormous powers
（ ）B.embodies rules
（ ）C.has the larger interests of public welfare
（ ）D.leaves administrative authority enough discretion to interpret rules

18
According to the passage, there is always a gap between
（ ）A.rules of natural justice and their application
（ ）B.conception of a rule and its concretisation
（ ）C.demand for natural justice and its realisation
（ ）D.intention and execution

19
To dispense with a requirement" means
（ ）A.to do without the demand
（ ）B.to drop the charge
（ ）C.to cancel all formal procedure
（ ）D.to alter the provisions of the case

20

According to the passage, natural justice can be brought about by

( ) A.administrative authority remaining vigilant
( ) B.administrative authority upholding rules of natural justice
( ) C.administrative authority farming rules suitably
( ) D.administrative authority observing the rules of fair play

21

Quantitative aptitude

The total expense of a boarding house are partly fixed and partly variable with the number of boarders. The charge is Rs.70 per head when there are 25 boarders and Rs.60 when there are 50 boarders. Find the charge per head when there are 100 boarders.

( ) A.65
( ) B.55
( ) C.50
( ) D.45

Explanation:
Let a = fixed cost and k = variable cost and n = number of boarders
total cost when 25 boarders c = 25*70 = 1750 i.e. 1750 = a + 25k
total cost when 50 boarders c = 50*60 = 3000 i.e. 3000 = a + 50k
solving above 2 eqns, 3000-1750 = 25k i.e. 1250 = 25k i.e. k = 50
therefore, substituting this value of k in either of above 2 eqns we get
a = 500 (a = 3000-50*50 = 500 or a = 1750 - 25*50 = 500)
so total cost when 100 boarders = c = a + 100k = 500 + 100*50 = 5500
so cost per head = 5500/100 = 55

22

Amal bought 5 pens, 7 pencils and 4 erasers. Rajan bought 6 pens, 8 erasers and 14 pencils for an amount which was half more than what Amal had paid. What % of the total amount paid by Amal was paid for pens?

( ) A.37.5
( ) B.62.5
( ) C.50
( ) D.None of these

Explanation: Let, 5 pens + 7 pencils + 4 erasers = x rupees
so 10 pens + 14 pencils + 8 erasers = 2*x rupees
also mentioned, 6 pens + 14 pencils + 8 erarsers = 1.5*x rupees
so (10-6) = 4 pens = (2-1.5)x rupees
so 4 pens = 0.5x rupees => 8 pens = x rupees
so 5 pens = 5x/8 rupees = 5/8 of total (note x rupees is total amt paid byamal)
i.e 5/8 = 500/8% = 62.5% is the answer

23

I lost Rs.68 in two races. My second race loss is Rs.6 more than the first race. My friend lost Rs.4 more than me in the second race. What is the amount lost by my friend in the second race?

( ) A.40
( ) B.41
( ) C.44
( ) D.42

Explanation: x + x+6 = rs 68

2x + 6 = 68

2x = 68-6

2x = 62

x=31

x is the amt lost in I race

x+ 6 = 31+6=37 is lost in second race

then my friend lost 37 + 4 = 41 Rs

24

(1-1/6) (1-1/7).... (1- (1/ (n+4))) (1-(1/ (n+5))) = ?
leaving the first numerater and last denominater, all the numerater and denominater will cancelled out one another.

( ) A.5/(n+5)
( ) B.1-1/(n+6)
( ) C.1/(n+5)
( ) D.1/(n+6)

25

A face of the clock is divided into three parts. First part hours total is equal to the sum of the second and third part. What is the total of hours in the bigger part?

( ) A.12
( ) B.3
( ) C.6
( ) D.9

Explanation: the clock normally has 12 hr

three parts x,y,z

x+y+z=12

x=y+z

2x=12

x=6

so the largest part is 6 hrs

26

With 4/5 full tank vehicle travels 12 miles, with 1/3 full tank how much distance travels

（　）A.11
（　）B.5
（　）C.15
（　）D.6

Explanation: 4/5 full tank= 12 mile

1 full tank= 12/(4/5)

1/3 full tank= 12/(4/5)*(1/3)= 5 miles

27

Wind blows 160 miles in 330min.for 80 miles how much time required?

（　）A.160
（　）B.165
（　）C.170
（　）D.175

Explanation: 160 miles= 330 min

1 mile = 330/160

80 miles=(330*80)/160=165 min

28

A person was fined for exceeding the speed limit by 10mph.another person was also fined for exceeding the same speed limit by twice the same if the second person was travelling at a speed of 35 mph. find the speed limit

（　）A.10
（　）B.15
（　）C.35
（　）D.40

Explanation: (x+10)=(x+35)/2

solving the eqn we get x=15

29

A sales person multiplied a number and get the answer is 3 instead of that number divided by 3. what is the answer he actually has to get.

（　）A.1/4
（　）B.1/3
（　）C.1/2
（　）D.1/6

Explanation: Assume 1

1* 3 = 3

1*1/3=1/3

so he has to got 1/3

this is the exact answer

30

Low temperature at the night in a city is 1/3 more than 1/2 hinge as higher temperature in a day. Sum of the low temp and high temp is 100 c. then what is the low temp

（　）A.40

（　）B.30

（　）C.20

（　）D.50

Explanation: let x be the highest temp. then,

x+x/2+x/6=100.

therefore, x=60 which is the highest temp

and 100-x=40 which is the lowest temp

31

car is filled with four and half gallons of oil for full round trip. Fuel is taken 1/4 gallons more in going than coming. What is the fuel consumed in coming up.

（　）A.2

（　）B.3

（　）C.4

（　）D.5

Explanation: let fuel consumed in coming up is x. thus equation is: x+1.25x=4.5 ans:2gallons

32

A work is done by the people in 24 min. One of them can do this work alone in 40 min. How much time required to do the same work for the second person

（　）A.35

（　）B.50

（　）C.60

（　）D.24

Explanation: Two people work together in 24 mins.

So, their one day work is

(1/A)+(1+B)=(1/24)

One man can complete the work in 40mins

one man's one day work (1/B)= (1/40)

Now,

(1/A)=(1/24)-(1/40)

(1/A)=(1/60)

So, A can complete the work in 60 mins

33

In a company 30% are supervisors and 40% employees are male if 60% of supervisors are male. What is the probability? That a randomly chosen employee is a male or female?

( )A.26.4

( )B.2.64

( )C.0.264

( )D.0.0264

Explanation: 40% employees are male if 60% of supervisors are male so for 100% is 26.4%so the probability is 0.264

34

In 80 coins one coin is counterfeit what is minimum number of weighing to find out counterfeit coin?.

( )A.4

( )B.5

( )C.40

( )D.20

Explanation: the minimum number of wieghtings needed is just 5.as shown below

(1)   80->30-30

(2)   15-15

(3)   7-7

(4)   3-3

(5)   1-1

35

2 oranges, 3 bananas and 4 apples cost Rs.15. 3 oranges, 2 bananas, and 1 apple costs Rs 10. What is the cost of 3 oranges, 3 bananas and 3 apples?

( )A.10

( )B.20

( )C.15

( )D.25

Explanation: 2x+3y+4z=15

3x+2y+z=10 adding

5x+5y+5z=25

x+y+z=5 that is for 1 orange, 1 bannana and 1 apple requires 5Rs.

so for 3 orange, 3 bannana and 3 apple requires 15Rs.

i.e. 3x+3y+3z=15

36

In 8*8 chess board odele discovered that there are 204 squares on the board We found that you would add the different squares - 1 + 4 + 9 + 16+ 25 + 36 + 49 + 64.Also in 3*3 tic tac toe board what is the total no of squares?.

( )A.15
( )B.14
( )C.12
( )D.10

Explanation: 9+4(bigger ones)+1 (biggest one)

If you ger 100*100 board just use the formula

the formula for the sum of the first n perfect squares is

n x (n + 1) x (2n + 1)

_____

6

if in this formula if you put n=8 you get your answer 204

37

One fast typist type some matter in 2hr and another slow typist type the same matter in 3hr. If both do combinely in how much time they will finish

( )A.1.2
( )B.1
( )C.2.2
( )D.2

Explanation: Faster one can do 1/2 of work in one hourslower one can do 1/3 of work in one hourboth they do (1/2+1/3=5/6) th work in one hour.so work will b finished in 6/5=1.2 hour i e 1 hour 12 min.

38

In some game 139 members have participated every time one fellow will get bye what is the number of matches to choose the champion to be held?

( )A.134
( )B.137
( )C.138
( )D.139

Explanation: since one player gets a bye in each round,he will reach the finals of the tournament without playing a match. http://www.ChetanaS.org

therefore 137 matches should be played to detemine the second finalist from the remaining 138 players(excluding the 1st player)

therefore to determine the winner 138 matches shd be played

39

If Rs20/- is available to pay for typing a research report & typist A produces 42 pages and typist B produces 28 pages. How much should typist A receive?

( )A.10
( )B.12
( )C.15
( )D.14

Explanation:

Here is the answer Find of 42 % of 20 rs with respect to 70 (i.e 28 + 42) ==> (42 * 20)/70 ==> 12 Rs

40

One rectangular plate with length 8inches, breadth 11 inches and 2 inches thickness is there. What is the length of the circular rod with diameter 8 inches and equal to volume of rectangular plate?

( )A.3
( )B.7
( )C.3.5
( )D.4.5

Explanation: Vol. of rect. plate= 8*11*2=176
area of rod=(22/7)*(8/2)*(8/2)=(352/7)
vol. of rod=area*length=vol. of plate
so length of rod= vol of plate/area=176/(352/7)=3.5

41

One tank will fill in 6 minutes at the rate of 3cu ft /min, length of tank is 4 ft and the width is 1/2 of length, what is the depth of the tank?

( ) A.3 ft 7.5 inches
( ) B.4 ft 80 inches
( ) C.3 ft 7 inches
( ) D.4 ft 7 inches

42

A man has to get air-mail. He starts to go to airport on his motorbike. Plane comes early and the mail is sent by a horse-cart. The man meets the cart in the middle after half an hour. He takes the mail and returns back, by doing so, he saves twenty minutes. How early did the plane arrive?

( ) A.10
( ) B.20
( ) C.15
( ) D.25

Explanation: assume he started at 1:00,so at 1:30 he met cart. He returned home at 2:00.so it took him 1 hour for the total jorney.by doing this he saved 20 min.so the actual time if the plane is not late is 1 hour and 20 min.so the actual time of plane is at 1:40.The cart travelled a time of 10 min before it met him.so the plane is 10 min early.

43

2 trees are there. One grows at 3/5 of the other. In 4 years total growth of the trees is 8 ft. what growth will smaller tree have in 2 years?.

( ) A.1.2
( ) B.1.3
( ) C.1.5
( ) D.2

Explanation:

THE BIG TREE GROWS 8FT IN 4 YEARS=>THE BIG TREE GROWS 4FT IN 2 YEARS.WHEN WE DIVIDE 4FT/5=.8*3=>2.4
4 (x+(3/5)x)=88x/5=2x=5/4 after 2 years x=(3/5)*(5/4)*2 =1.5

44

There is a six digit code. Its first two digits, multiplied by 3 gives all ones. And the next two digits multiplied by 6 give all two. Remaining two digits multiplied by 9 gives all threes. Then what is the code?

( ) A.123
( ) B.232
( ) C.333
( ) D.222

Explanation: Assume the digit xx xx xx (six digits)

First Two digit   xx * 3=111

xx=111/3=37

(first two digits of 1 is not divisible by 3   so we can use 111)

Second Two digit xx*6=222

xx=222/6=37

(first two digits of 2 is not divisible by 6   so we can use 222)

Thrid Two digit   xx*9=333

xx=333/9=37

(first two digits of 3 is not divisible by 9   so we can use 333)

45

There are 4 balls and 4 boxes of colours yellow, pink, red and green. Red ball is in a box whose colour is same as that of the ball in a yellow box. Red box has green ball. In which box you find the yellow ball?

( ) A.green
( ) B.pink
( ) C.red
( ) D.none of this

Explanation: Yellow box can have either of pink/yellow balls.

if we put a yellow ball in "yellow" box then it wud imply that "yellow" is also the colour of the box which has the red ball(becoz acordin 2 d question,d box of the red ball n the ball in the yellow box have same colour)

thus this possibility is ruled out...

therefore the ball in yellow box must be pink,hence the colour of box containin red ball is also pink....

=>the box colour left out is "green",,,which is alloted to the only box left,,,the one which has yellow ball..

46

A bag contains 20 yellow balls, 10 green balls, 5 white balls, 8 black balls, and 1 red ball. How many minimum balls one should pick out so that to make sure the he gets at least 2 balls of same color.

( ) A.7
( ) B.6
( ) C.8
( ) D.10

Explanation: Suppose he picks 5 balls of all different colours then when he picks up the sixth one, it must match any on of the previously drawn ball colour.

thus he must pick 6 balls

47

What is the number of zeros at the end of the product of the numbers from 1 to 100

( ) A.25
( ) B.10
( ) C.24
( ) D.28

Explanation: For every 5 in unit palce one zero is added Ch eta naS

so between 1 to 100 there are 10 nos like 5,15,25,..,95 which has 5 in unit place.

Similarly for every no divisible by 10 one zero is added in the answer so between 1 to 100 11 zeros are added

for 25,50,75 3 extra zeros are added

so total no of zeros are 10+11+3=24

48

There are three different boxes A, B and C. Difference between weights of A and B is 3 kgs. And between B and C is 5 kgs. Then what is the maximum sum of the differences of all possible combinations when two boxes are taken each time?.

( ) A.15
( ) B.16
( ) C.17
( ) D.18

Explanation: A-B = 3

B-c = 5

a-c = 8

so sum of diff = 8+3+5 = 16 kgs

49

A and B are shooters and having their exam. A and B fall short of 10 and 2 shots respectively to the qualifying mark. If each of them fired atleast one shot and even by adding their total score together, they fall short of the qualifying mark, what is the qualifying mark?

( )A.10
( )B.11
( )C.16
( )D.20

Explanation:

coz each had atleast 1 shot done so 10 + 1 = 11

n 9 + 2 = 11

so d ans is 11

50

Gavaskar average in first 50 innings was 50. After the 51st innings his average was 51 how many runs he made in the 51st innings?.

( )A.101
( )B.100
( )C.102
( )D.103

Explanation: first 50 ings.- run= 50*50=2500

51st ings.- avg 51. so total run =51*51=2601.

so run scored in that ings=2601-2500=101 runs

51

Anand finishes a work in 7 days, Bittu finishes the same job in 8 days and Chandu in 6 days. They take turns to finish the work. Anand on the first day, Bittu on the second and Chandu on the third day and then Anand again and so on. On which day will the work get over?

( )A.3
( )B.6
( )C.9
( )D.7

Explanation: In d 1st day Anand does 1/7th of total work

similarly,

Bithu does 1/8th work in d 2nd day

hence at d end of 3 days, work done = 1/7+1/8+1/6=73/168

remaining work = (168-73)/168 = 95/168

again after 6 days of work, remaining work is = (95-73)/168 = 22/168

and hence Anand completes the work on 7th day.(hope u understood)

52

A man, a women and a child can do a piece of work in 6 days,man can do it in 14 days, women can do it 16 days, and in how many days child can do the same work?

( ) A.14

( ) B.20

( ) C.24

( ) D.16

Explanation: The child does it in 24 days

53

A: 1 1 0 1 1 0 1 1

B: 0 1 1 1 1 0 1 0

C: 0 1 1 0 1 1 0 1

Find ((A-B) u C)==?

Hint : 109

( ) A.1101101

( ) B.11110101

( ) C.11011101

( ) D.1101111

Explanation: A-B is {A} - {A n B}

A: 1 1 0 1 1 0 1 1

B: 0 1 1 1 1 0 1 0

by binary sub. a-b = 01100001 (1-0=1, 1-1=0,0-0=0, n for the 1st 3 digits 110-011=011)

now (a-b)uc= 01100001

or 01101101

gives 1101101... convert to decimal equals 109

54

Average age of students of an adult school is 40 years.120 new students whose average age is 32 years joined the

school. As a result the average age is decreased by 4 years.Find the number of students of the school after joining of the

new students:

( ) A.1200

( ) B.120

( ) C.360

( ) D.240

Explanation:Let the original no. of students be x

A.T.S. 40x + 120 × 32 = (x + 120)36 $\Rightarrow$ x = 120

∴ Reqd no. of students after joining the new students

= x + 120 = 240

55

When Rs 250 added to 1/4th of a given amount ofmoney makes it smaller than 1/3rd of the given amount of

money by Rs 100. What is the given amount of money?

( )A.350
( )B.600
( )C.4200
( )D.3600

Explanation:
Let the given amount be Rs x
A.T.S. x/3-(x/4 + 250) = 100⇒ x = Rs 4200

56

Find the least number of candidates in an examinationso that the percentage of successful candidates should be

76.8%:

( )A.500
( )B.250
( )C.125
( )D.1000

Explanation:
No. of successful candidates = 76.8% of x

x = total students

=(× =768/10* 100*x)96/125x

Which must be a whole no. ∴The reqd least no. = 125

57

The number of times a bucket of capacity 4 litres tobe used to fill up a tank is less than the number of times another bucket of capacity 3 litres used for the same purposeby 4. What is the capacity of the tank?

( )A.360
( )B.256
( )C.48
( )D.525

Explanation:

x/4-x/3 = 4⇒   x = 48 l

58
Statement. Some Apples are bricks . All grapes are bricks

Conclusion :

1. Some Apples are grapes

 2. Al bricks are grapes
( ) A.If the 1st statement follows
( ) B.If the 2nd statement follows
( ) C.If both follows
( ) D.I f none follows

59
Statement. All plants are trees . No tree is stone

Conclusion:

 1. No stone is plants

2. Some stones are plants
( ) A.If the 1st statement follows
( ) B.If the 2nd statement follows
( ) C.If both follows
( ) D.I f none follows

60
Statement.All players are tall .Rahul is tall

Conclusion :

1. Rahul is player

 2. No player is tall
( ) A.If the 1st statement follows
( ) B.If the 2nd statement follows
( ) C.If both follows
( ) D.I f none follows